ABSTRACT

A system and method facilitate estimating noise in a received signal. The received signal is formed of a plurality of tones, such as training tones and data tones. Noise is estimated at the training tones, which generally comprise a lesser number of the tones in the received signal than the data tones. The estimated noise at the training tones can be employed to facilitate demodulating and/or decoding data tones in the received signal. In one aspect, the estimated training tone noise can be utilized by a beamformer.

5